

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION ENCLOSURE STATEMENT BY APPLICANT		Atty Docket No. 283-346.02 Serial No. 10/044,119
APR 01 2002 PATENT & TRADEMARK OFFICE		
Applicant Timothy Fitch et al.		
Filing Date January 11, 2002		Group Not Assigned

### U.S. PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Name	Class	Sub Class	Filing Date
FA	AA 3,954,244	05/04/1976	Gopstein			
	AB 4,017,129	04/12/1977	Boldt et al.			
	AC 4,126,768	11/21/1978	Grenzow			
	AD 4,313,035	01/26/1982	Jordan et al.			
	AE 4,403,700	09/13/1983	Manlove			
	AF 4,432,020	02/14/1984	Onose et al			
	AG 4,471,165	09/11/1984	DeFino et al			
	AH 4,524,396	06/18/1985	Schulz et al			
	AI 4,630,201	12/16/1986	White			
	AJ 4,658,416	04/04/1987	Tanaka			RECEIVED APR 04 2002 Technology Center 2600
	AK 4,747,050	05/24/1988	Brachtl et al.			
	AL 4,870,503	09/26/1989	Miura			
	AM 4,902,079	02/20/1990	Kaplan et al.			
	AN 4,920,567	04/14/1990	Malek			
	AO 5,216,517	06/01/1993	Kinoshita et al.			
	AP 5,353,331	10/04/1994	Emery et al.			
	AQ 5,406,619	04/11/1995	Akhteruzzaman et al.			
	AR 5,455,861	10/03/1995	Faucher et al.			
	AS 5,521,966	05/28/1996	Friedes et al.			
	AT 5,581,607	12/03/1996	Richardson, Jr. et al.			
	AU 5,586,166	12/17/1996	Turban			
	AV 5,740,232	04/14/1998	Pailles et al.			
	AW 5,878,124	03/02/1999	Griesmer et al.			
	AX 5,926,549	07/20/1999	Pinkas			
	AY 5,933,812	08/03/1999	Meyer et al.			
	AZ 5,959,043	09/07/1999	Hayashida			
	BA 6,003,762	12/21/1999	Hayashida			
	BB 6,142,369	11/07/2000	Jonstromer			
	BC 6,149,055	11/21/2000	Gatto			
	BD 6,246,995 B1	06/12/2001	Walter et al.			
	BE 6,257,487 B1	07/10/2001	Hayashida			
	BF 6,279,825 B1	08/28/2001	Yokoyama			

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
<i>MM</i>	BG	US 2001/0020640 A1	APR 01 2002	09/13/2001	Yokochi		
	BH	4,902,079	SEARCH & TRADEMARK OFFICE	02/20/1990	Kaplan et al.		

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FA	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	BI 96/26505	29/08/1996	WO				
	BJ 99/60533	25/11/1999	WO				
	BK 01/61657	23/08/2001	WO				
	BL 01/84771	08/11/2001	WO				

Examiner *Spiley, Alphonsine*

Date Considered *2/27/04*

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Sheet

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of 2

## Complete if Known

Application Number	10/044,119
Filing Date	January 11, 2002
First Named Inventor	Timothy R. Fitch
Art Unit	2673
Examiner Name	Not Assigned
Attorney Docket Number	283-346.02

U.S. PATENT DOCUMENTS					
Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US 4,141,078	02-20-1979	Bridges, Jr. et al.	
	AB	US 4,534,562	08-13-1985	Cuff et al.	
	AC	US 4,689,478	08-25-1987	Hale et al.	
	AD	US 4,689,742	08-25-1987	Troy et al.	
	AE	US 4,711,996	12-08-1987	Drexler	
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	AG	US 4,858,121	08-15-1989	Barber et al.	
	AH	US 4,897,865	01-30-1990	Canuel	
	AI	US 4,943,868	07-24-1990	Yoshinaga et al.	
	AJ	US 5,115,888	05-26-1992	Schneider	
	AK	US 5,258,604	11-02-1993	Behrens et al.	
	AL	US 5,324,922	06-28-1994	Roberts	RECEIVED
	AM	US 5,334,821	08-02-1994	Campo et al.	JUN 12 2003
	AN	US 5,362,053	11-08-1994	Miller	Technology Center 2600
	AO	US 5,467,403	11-14-1995	Fishbine et al.	
	AP	US 5,479,530	12-26-1995	Nair et al.	
	AQ	US 5,577,118	11-19-1996	Sasaki et al.	
	AR	US 5,638,457	06-10-1997	Deaton et al.	
	AS	US 5,640,002	06-17-1997	Ruppert et al.	
	AT	US 5,657,389	08-12-1997	Houvenier	
	AU	US 5,659,431	08-19-1997	Ackley	
	AV	US 5,679,943	10-21-1997	Schultz et al.	
	AW	US 5,805,807	09-08-1998	Hanson et al.	
	AX	US 5,864,125	01-26-1999	Szabo	
	AY	US 5,895,902	04-20-1999	Ziarino	
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	BA	US 5,949,378	09-07-1999	Coveley	
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	BC	US 5,969,324	10-19-1999	Reber	
	BD	US 6,003,008	12-14-1999	Postrel et al.	
	BE	US 6,065,679	05-23-2000	Levie et al.	
	BF	US 6,073,034	06-06-2000	Jacobsen et al.	
	BG	US 6,076,731	06-20-2000	Terrell	
	BH	US 6,078,848	06-20-2000	Bernstein et al.	
	BI	US 6,101,483	08-08-2000	Petrovich et al.	
	BJ	US 6,201,290	08-15-2000	Swartz et al.	

Examiner Signature

*Timothy R. Fitch*

Date Considered

3/01/2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

## Complete if Known

Application Number	10/044,119
Filing Date	January 11, 2002
First Named Inventor	Timothy R. Fitch
Art Unit	2673
Examiner Name	Not Assigned
Attorney Docket Number	283-346.02

U.S. PATENT DOCUMENTS				
Examiner	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	
	BK	US 6,112,857	09-05-2000	Morrison
	BL	US 6,155,489	12-05-2000	Colins, Jr. et al.
	BM	US 6,179,206 B1	01-30-2001	Matsumori
	BN	US 6,199,753 B1	03-13-2001	Tracy et al.
	BO	US 6,230,970 B1	05-15-2001	Walsh et al.
	BP	US 6,243,447 B1	07-03-2001	Swartz et al.
	BQ	US 6,253,998 B1	07-03-2001	Ziarno
	BR	US 6,308,893 B1	10-30-2001	Waxelbaum et al.
	BS	US 6,311,165 B1	10-30-2001	Coutts et al.
	BT	US 6,311,896 B1	11-06-2001	Mulla et al.
	BU	US 6,321,981 B1	11-27-2001	Ray et al.
	BV	US 6,330,973 B1	12-18-2001	Bridgelall et al.
	BW	US 6,340,115 B1	01-22-2002	Swartz
	BX	US 6,415,982 B2	07-09-2002	Bridgelall et al.
	BY	US 6,424,949 B1	07-23-2002	Deaton et al.
	BZ	US 6,460,069 B1	10-01-2002	Berline et al.
	CA	US 6,471,125 B1	10-29-2002	Addy
	CB	US 6,486,862 B1	11-26-2002	Jacobsen et al.

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
	CC	EP	0809836	08-05-2002	Wallner	<input type="checkbox"/>
	CD	WO	98/10368	12-03-1998	Levie	<input type="checkbox"/>
	CE	WO	98/14917	09-04-1998	Coveley	<input type="checkbox"/>
	CF	WO	98/19435	07-05-1998	Jacobsen	<input type="checkbox"/>
	CG	WO	98/50876	12-11-1998	Fernando	<input type="checkbox"/>
	CH	WO	00/04487	27-01-2000	Redderson	<input type="checkbox"/>
	CI	WO	00/36545	22-06-2000	Moskofidis	<input type="checkbox"/>
	CJ	WO	00/70585	23-11-2000	Rhoads	<input type="checkbox"/>
	CK	WO	01/37229	25-05-2001	Pomerleau	<input type="checkbox"/>

Examiner Signature	<i>Timothy R. Fitch</i>	Date Considered	<i>3/01/2004</i>
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Ed.	AA	3,596,389	8/3/1971	Dreuck	
	AB	4,680,801	07/14/1987	Etherington et al.	
	AC	4,839,781	6/13/1989	Barnes et al.	
	AD	5,001,612	3/19/1991	Odium	
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	AF	5,297,202	3/22/1994	Kapp et al.	
	AG	5,347,589	9/13/1994	Meeks et al.	
	AH	5,357,563	10/18/1994	Hamilton et al.	
	AI	5,386,104	1/31/1995	Sime	
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	AM	5,745,705	4/28/1998	Iguchi	
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	AZ	6,400,836	6/4/2002	Senior	
	BA	6,435,412	8/20/2002	Tsi et al.	
	BB	6,474,550	11/5/2002	Cardas	
	BC	6,492,978	12/10/2002	Selig et al.	
	BD	6,512,840	1/28/2003	Tognazzini	
	BE	6,539,363	3/25/2003	Allgeier et al.	
	BF	6,550,683	4/22/2003	Augustine	
	BG	6,557,754	5/6/2003	Gray et al.	
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	BI	2002/0140714 A1	10/3/2002	Hoffman	

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